EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|---------------------|---------|---------------------|
| L1 | 96 | ("4965710" "5422593" "5245523" "5341003" "5847554" "5999421" "5210475" "5258957" "5293338" "5444728" "5461713" "5495155" "5589753" "5706236" "6118638" "6233125" "4267516" "4419660" "4777579" "4783690" "4907116" "4929882" "5022003" "5177586" "5233558" "5241213" "5327379" "5369308" "5475637" "5548146" "5604697" "5747849" "5777927" "5966341" "6054845" "6153980" "6180966" "6211757" "6219262" "6211757" "6219262" "6233181" "3631258" "3825777" "4255063" "4258338" "4258276" "4259716" "4262275" "4271449"). pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 |
| L16 | 591 | (power near3 semiconductor) and comparator and fet and load | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L17 | 147 | (power near3 semiconductor) and comparator and fet and load and (high near3 side) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| _18 | 133 | (power near3 semiconductor) and comparator and fet and load and (high near3 side) and diode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2009/02/13 09:22 |

| L19 | 86 | (power near3 semiconductor) and comparator and fet and load and (high near3 side) and diode and (current near3 supply) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
|-----|-----|--|---|----|-----|---------------------|
| L20 | 0 | L19 and 324/765.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L31 | 215 | (power near3 semiconductor) and main and sense and control\$4 and load and (feedback near3 circuit) and comparator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L32 | 0 | L31 and 323/312.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L33 | 45 | L31 and "323"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L34 | 170 | L31 not L33 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L35 | 2 | ("5018041").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/13 09:22 |
| L36 | 2 | ("5815027").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/13 09:22 |

| L38 | 927 | (mosfet and comparator and feedback) and "327"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
|-----|-----|--|---|----|----|---------------------|
| L39 | 118 | L38 and main and sense | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L46 | 255 | "327"/\$.ccls. and sense and main and comparator and (current near3 supply) and feedback | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L47 | 93 | L46 and (voltage near5 fall\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L49 | 6 | "327"/\$.ccls. and (sense near3 (fet or cell)) and (main near3 (fet or cell)) and comparator and feedback | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L57 | 866 | 361/92.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L58 | 0 | L57 and (sens\$3 near3 (transistor or fet or cell)) and (main\$3 near3 (transistor or fet or cell)) and comparator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L59 | 2 | L57 and (sens\$3 near3 (transistor or fet or cell)) and (main\$3 near3 (transistor or fet or cell)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |

| L60 | 38 | "361"/\$.ccls. and (sens \$3 near3 (transistor or fet or cell)) and (main\$3 near3 (transistor or fet or cell)) and comparator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
|-----|------|--|---|----|----|---------------------|
| L61 | 988 | (monitor\$3 or compar\$3 or detect\$3 or measur \$3) near4 undervoltage | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L62 | 35 | L61 and (sens\$3 near3 (cell or transistor or fet)) and ((main or power) near3 (cell or transistor or fet)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L63 | 2 | "6624994".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L65 | 4972 | "361"/\$.ccls. and ((below or under) near4 predetermined) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L66 | 1654 | "361"/\$.ccls. and (voltage near8 ((below or under) near4 predetermined)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L67 | 0 | L66 and (main near3 (cell or transitor or fet)) and (sense near3 (cell or transitor or fet)) and feedback | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L68 | 0 | L66 and (main near3 (cell or transitor or fet)) and (sense near3 (cell or transitor or fet)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |

| L69 | 5 | L66 and (main near3 (cell or transistor or fet)) and (sense near3 (cell or transistor or fet)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
|-----|------|--|---|----|----|---------------------|
| L70 | 35 | "361"/93.1.ccls. and (voltage near8 ((below or under) near4 predetermined)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L71 | 2069 | ((measur\$4 or determin \$4 or detect\$4 or sens \$4) near8 ((voltage or current) near4 (transistor or fet or cell))) same ((below or low\$3 or under or down) near4 (predetermin\$3 or target\$3 or desired)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L72 | 121 | L71 and (power near3 semiconductor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L73 | 5 | L72 and "324"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L74 | 7 | L72 and "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L75 | 153 | L71 and "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L76 | 195 | ((under\$current or under \$voltage) near8 protect \$4).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |

| L77 | 38 | L76 and "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
|-----|--------|---|---|----|----|---------------------|
| L78 | 157 | L76 not L77 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L79 | 2 | "7015745".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L82 | 1 | "5815027".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/13 09:22 |
| L94 | 4 | (low near3 voltage near3 (detect\$4 or sens \$4 or measur\$4)) near8 (main near3 (cell or transistor or fet)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L95 | 0 | (power near3 (switch\$3 or fet or transistor or semiconductor)) same (mantain\$3 near4 voltage near4 threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L96 | 186 | (power near3 (switch\$3 or fet or transistor or semiconductor)) same (maintain\$3 near4 voltage near4 threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L97 | 43516 | (power near3 (switch\$3 or fet or transistor or semiconductor)) same ((low\$3 or below or under or down) near3 (current or voltage)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L98 | 115597 | (power near3 (switch\$3 or fet or transistor or semiconductor)) same (measur\$4 or detect\$4 or determin\$5 or sens\$4 near6 ((low\$3 or below or under or down) near3 (current or voltage))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |

| L99 | 4009 | (power near3 (switch\$3 or fet or transistor or semiconductor)) same ((measur\$4 or detect\$4 or determin\$5 or sens \$4) near6 ((low\$3 or below or under or down) near3 (current or voltage))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
|------|------|--|---|----|----|---------------------|
| L100 | 381 | L99 and "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L101 | 52 | L100 and ((under \$current or under \$voltage or (under near2 current) or (under near2 voltage) or (low near2 voltage) or (low near2 curent)) near4 protect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L102 | 113 | "361"/\$.ccls. and (((increas\$3 or ris\$3) near4 voltage) same (voltage near8 fall\$3 near8 (below or under or low\$3 or down) near8 (predetermin\$4 or target \$4 or prescrib\$3 or establish))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L103 | 329 | L100 not L101 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L104 | 960 | 361/93.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L105 | 41 | L104 and ((under \$current or under \$voltage or (under near2 current) or (under near2 voltage) or (low near2 voltage) or (low near2 curent)) near4 protect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |

| L106 | 80 | L104 and ((measur\$4 or detect\$3 or determin\$3 or sens\$3) near5 (under \$current or under \$voltage or (under near2 current) or (under near2 voltage) or (low near2 voltage) or (low near2 curent))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
|------|-----|---|---|----|----|---------------------|
| L107 | 66 | L106 not L105 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L112 | 125 | (overvoltage and undervoltage) near8 compar\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L113 | 31 | L112 and "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L114 | 9 | L112 and "327"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L115 | 7 | ("4161700").PN. OR ("4743779").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/13 09:22 |
| L116 | 604 | comparator near8 (output\$3 near5 (low near3 current)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L117 | 63 | L116 and "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L119 | 2 | "6624994".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |

| L120 | 1 | (main adj cell) and (sense adj cell) and control and feedback and (current near3 supply) and comparator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
|------|---|---|---|----|----|---------------------|
| L121 | 1 | (main adj cell) and (sense adj cell) and feedback and (current near3 supply) and comparator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L122 | 2 | (main adj cell) and (sense adj cell) and feedback and comparator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L123 | 9 | (main adj cell) and (sense adj cell) and comparator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L124 | 9 | (main adj cell) and (sense adj cell) and feedback | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L125 | 5 | (main adj cell) and (sense adj cell) and (fall \$3 near3 (below or under)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |
| L126 | 6 | ("4743779" "5018041" "6624994").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/13 09:22 |

2/13/2009 9:32:22 AM

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